

AN APPARATUS AND SERVICE FOR DISTRIBUTING AND
COLLECTING BULK DATA BETWEEN A LARGE NUMBER OF MACHINES

ABSTRACT OF THE DISCLOSURE

5

A method that, all-in-one, allows applications to distribute asynchronously large amounts of data from a source node to multiple destination nodes, to process that data on each single node and to collect the results of that processing on one or more report-to nodes. Distributions are given levels of priority that determine the order in which they are handled by repeaters. A distribution with a given priority can use the number of sessions reserved for its priority level plus any sessions allocated for lower priority levels. Distributions are enqueued in a persistent queue, according to its priority, for subsequent distribution and immediately returns to the caller an ID that can be used as a correlator for the results.

00:ODMA\PCDOCS\DALIAS_1\3181589\10
233:7047-P318US